

1. A list of stars
 2. A list of stars
 3. A list of stars

Copy of manuscript observations of Double Stars in an old notebook in Professor Barlow's Handwriting (Undated & unsigned). In the same book are manuscript papers as follows I "Magnetical Observations made on board H.M.S. Conway at Portsmouth Harbour & on the South American Station by Captain Basil Hall & Mr Henry Foster M^{te} of that Ship in 1820-21 & 1822." (unsigned) These were under the Superintendence of Prof. Barlow II "Observations made at Sea in order to determine the amount of local Attraction in different latitudes by means of M^{rs} P. Barlow's Plate. By M^{rs} H^{rs} Foster H.M.S. Conway". (signed) Henry Foster. Different writing to the first paper.

III "Remarks of the preceding experiments by P. Barlow" (signed) Peter Barlow. The writing & figures of these agree with those in the Double Star Observations. The Notebook was bought of R. Thomas Stationer 203 Fleet Street London, near Temple Bar. It is undated but was made since 1818 as the covers are made from paper taken from an unused diary of this date

DSI

"List of Double Stars &c observed with a 3½ inch Achromatic telescope of Professor Barlow's construction

(Date from measures approx 1822)

	Star's Name	R. A.		Decl.		Dist
		h	m			
1	π Andromed.	0	6	7.	49 N	35."9
2	η Cassiopeae	0	38	56.	51 N	8."7
3	Polaris	0.	58	88.	22 N	18."7 ✓
4	α Cassiopeae	0.	30	55.	33 N	—
5	ψ Cass.	1.	13	67.	18 N	33."3 ✓
6	ι Trianguli	2.	2	27.	27. N	3."88 ✓
7	ι² Canum Ven.	12.	48	39.	18 N	19.7 ✓
8	ζ Ursae Maj	13.	17	55.	52. N	14.4 ✓
9	δ ^h Bootis	14.	7	52.	39 N	13.1 ✓
10	ι Bootis	14.	10	52.	12. N	38.0 ✓
11	π Bootis	14.	32	17.	12 N	6.8 x
12	ξ Bootis	14.	43	19.	51 N	8.6 ✓
13	39 Bootis	14.	44	49.	27 N	4.6 ?
14	ζ Coronae Bot.	15.	33	37.	11 N	7.16 ?
15	γ Herculis	16.	14	19.	35 N	33.32 x
16	ι⁷ Draconis	16.	32	53.	17 N	4.5 ✓
17	μ Draconis	17.	3	54.	43 N	3.9 ✓
18	α Herculis	17.	6	14.	36 N	5.28 ✓
19	δ Herculis	17.	8	25.	3 N	28.8 x
20	ρ Herculis	17.	17	37.	19 N	4.46 ✓

21	95 Hercules	17. 54	21. 36 N	6.6 ✓
22	70 + Ophiuchi	17. 56	2. 33 N	4.26 ✓
23	4, E Lyrae	18. 38	39. 27 N	4.0 ✓
24	Debilissima inter E }	18. 38	39. 27 N	53. ±
25	and 5 Lyrae			
26	5 Lyrae	18. 38	39. 27 N	3.80
27	5 Lyrae	18. 38	37. 25 N	44.2 ✓
28	β Lyrae	18. 43	33. 10 N	45.7 ✓
29	η Lyrae	19. 8	38. 51 N	29.3 ✓
30	β Cygni	19. 24	27. 35 N	34.3 ✓
31	α Aquilae	19. 42	8. 24 N	—
32	α Capricorni	20. 8	13. 33 N probably (8)?	—
33	There are two very minute stars accompanying α Capricorni			
34	γ Delphini 1 and 2	20. 38	15. 29 N	12.31 ✓
	— 1 + 3	—	—	2' 20".8
35	β Cephei	21. 26	69. 46 N	13".16 ✓
36	μ Cygni 1 and 2	21. 36	27. 56 N	5".7 ✓
	1 " 3	—	—	3' 37".4
37	ξ Cephei	21. 58	63. 45 N	5.8 ✓
38	ζ Aquarii	22. 20	0. 57 S	84.99?
39	δ Cephei	22. 23	57. 30 N	41.6 ✓

λ Orionis	5. 25	9. 48 N	5.574?
ι Orionis A, B	5. 27	6. 2 S	12.08 ✓
A, C	—	—	49.7
σ Orionis A, B	5. 30	2.43 S	12.9 ✓
A, C			42.7 ✓
A, D			3' 30".8
A, G			5' 10".1
A, H			8' 45".3
D, E			11.1 ✓
D, F			1. 8.25
ζ Orionis A, B	5. 32	2. 3 S	2.6 ✓
A, C			
40 α Trianguli	2. 8	27. 49 N	14.34
41 γ Andromeda	1. 53	41. 28	10.909 ✓
42 η Persei 1 + 2	2. 38	55. 8?	28.9 ✓
43 " 1 + 3	"	"	3' 57".1
44 α Piscium	1. 53	1. 53 N	5.428 X
45 H.C. 124 Z 232	2. 4	29. 34 N	6.067 ✓
46 φ Tauri (φ)	4. 9	26. 54	56.8 x
47 χ Tauri	4. 12	25. 11	19.9 ✓
48 62 Tauri	4. 13	23. 52	29.0 ✓
49 γ Arietis 1 + 2	1. 44	18. 25 N	9.10 ✓
1 + 3	—	—	3' 48".1
σ Cassiopeiae	23. 50	54. 41 N	2.924 ✓
α Geminorum A + B	7. 23	32. 17 N	5.355 ✓
A + C			1'.10".18 ✓
A + D			3'.17".14
δ Geminorum	7. 9	22. 18 N	7.24 ✓